

50X1-HUM

## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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COUNTRY USSR/Hungary REPORT [REDACTED]

SUBJECT Quality of Soviet and Hungarian Carbon Brushes DATE DISTR. 21 July 1955

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PLACE ACQUIRED [REDACTED] REFERENCES

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

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The following is a report on the physical properties of Soviet and Hungarian carbon brushes [REDACTED]

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Soviet Grades

- G-6 : A finely grained, fairly dense graphite, similar in appearance to [REDACTED] Link B. 50X1-HUM
- EG-4 : A fine grained, dense, smooth graphitic material, probably a graphitized natural graphite. There is no comparable [REDACTED] grade. 50X1-HUM
- EG-8 : An electro-graphitized material, showing extensive, fine internal cracks. Without these cracks, this material would be similar to sub-standard Link EG-6345.
- EG-14 : An electro-graphitized material, similar to Link EG-3.
- MG-2 : A coarse quality copper graphite material, with about 80 percent copper. It was similar in metal content to Link CM-25, but not as uniform or as fine.
- MG-6 : A copper graphite material, with about 70 percent copper and containing some resin. There is no equivalent [REDACTED] grade. The nearest [REDACTED] types would be a resin impregnated Link CM-3-H or Link CM-5-H. 50X1-HUM

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Hungarian Grades

- K : A hard carbon material, similar to Link C.
- FK : Similar to K, but not quite so hard. The nearest [REDACTED] standard would be Link A. 50X1-HUM

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC									
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(Note: Washington distribution indicated by "X"; Field distribution by "#")

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-2-

- L : A dense natural graphite with slightly abrasive feel. The specimen examined contained many large internal cracks. Apart from the presence of the cracks, it was similar to sub-standard Link HM-8. 50X1-HUM
- FL : A fine-grained carbon graphite with a rather abrasive feel. There is no comparable [ ] grade. The nearest [ ] grade would be sub-standard Link B. 50X1-HUM
- MU : A copper graphite material of poor general appearance, containing about 80 percent copper and 70 percent lead. It also contained some resin. There is no comparable [ ] grade. 50X1-HUM
- [ ] these brushes to be very poor quality, and [ ] their running performance would be one-third that of brushes of standard [ ] manufacture. 50X1-HUM  
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